

E1 ~~inhibits access to the resources thereof from another group to which permission to use the resources of the first group is not allocated; and~~

~~a scheduler that schedules the jobs of each group according to a procedure specific to the group and information provided by said job monitor.~~

E2 G1 > 27. (THREE TIMES AMENDED) A method of groupwise resource management, comprising:

~~storing groups of workers;~~

~~assigning resources of jobs to the groups of workers, each resource being further allocated for use by workers of the group in performing each job to be carried out by the group;~~

~~monitoring the jobs carried out by each group;~~

~~maintaining security of each of the resources assigned to the groups;~~

~~inhibiting access to a resource of a first group from another group to which permission to use the resource of the first group is not allocated; and~~

~~scheduling the jobs carried out by each group in accordance with a procedure specific to the group and information provided through monitoring the jobs.~~

E3 G1 > 30. (THREE TIMES AMENDED) A computer-readable medium encoded with a program for groupwise resource management, said program including the functions of:

~~storing groups of workers;~~

~~assigning resources of jobs to the groups of workers, each resource being further allocated for use by workers of the group in performing each job to be carried out by the group;~~

~~monitoring the jobs carried out by each group;~~

~~maintaining security of each of the resources assigned to the groups;~~

~~inhibiting access to a resource of a first group from another group to which permission to use the resource of the first group is not allocated; and~~

~~scheduling the jobs carried out by each group in accordance with a procedure specific to the group and information provided through monitoring the jobs.~~

E4 G1 > 33. (TWICE AMENDED) A system for managing resources used by groups of workers carrying out jobs through computers, said system comprising:

~~a resource manager to store one or more groups of workers, to assign a specified resource to the groups of workers, to store permission information for the specified resource, and to determine whether the specified resource is available to a first group based on the~~

c1) assignment information; and

a job monitor to receive from said resource manager information indicating whether the specified resource is available to the first group, and to request permission for the first group to access the specified resource from a second group to which the resource is assigned, using the permission information of the specified resource, when the received information indicates the specified resource is not available to the second group.

34. (TWICE AMENDED) A system for managing resources used by groups of workers carrying out jobs through network clients, said system comprising:

a file storage to store files of resources and to store permission information for the resources, whereby groups of workers can access the resources through clients over a network; and

a server coupled by the network to said file storage and to the clients, said server allocating a corresponding resource to one or more of the groups, determining whether the resource is available to a requesting group based on the allocation information, and selectively changing the allocation information by using the permission information when a job requires access to the resource.

REMARKS

In the Office Action mailed January 29, 2002 the Examiner rejected claims 1, 3-37, 30 and 33-34 under 35 USC 103(a) as being unpatentable over Fargher (US Patent No. 5,826,040) in view of Matsuzaki (US Patent No. 5,767,848) considered with IBM Disclosure Bulletin; and rejected claims 2, 28-29, and 31-32 under 35 USC 103(a) as being unpatentable over Fargher, Matsuzaki, the IBM Disclosure Bulletin and further in view of Rapozo (PC Week v12, n.19, p.74(2), May 15, 1995).

In the Office Action mailed January 29, 2002, the Examiner noted that claims 1-18 and 25-34 were pending, and rejected claims 1-18 and 25-34. Claims 1, 27, 30, 33 and 34 have been amended and, thus, claims 1-18 and 25-34 remain pending for reconsideration, which is requested.

No new matter has been added in this Amendment. The foregoing rejections are respectfully traversed.